

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Modified) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				ATTY. DOCKET NO. 69273-0012		APPLICATION NO. 09/991,117		
				APPLICANTS Elliott FARBER				
				FILING DATE November 13, 2001		GROUP 1617		
U.S. PATENT DOCUMENTS								
EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
7	A1	4,707,354	11/17/87	GARLEN et al.	424	47	1/21/87	
	A2	4,767,618	08/30/1988	GROLLIER et al.	424	74	10/22/1985	
	A3	4,822,601	04/18/1989	GOODE et al.	424	59	03/13/1987	
	A4	4,880,621	11/14/89	GROLLIER et al.	424	74	02/04/88	
	A5	4,933,177	06/12/1990	GROLLIER et al.	424	74	06/15/1988	
	A6	5,122,533	06/16/92	BAR-ON et al.	514	390	12/19/90	
	A7	5,176,916	01/05/1993	YAMANAKA et al.	424	448	04/17/1991	
	A8	5,476,664	12/19/1995	ROBINSON et al.	424	443	04/15/1994	
	A9	5,753,245	05/19/1998	FOWLER et al.	424	401	02/19/1997	
	A10	5,871,762	02/16/1999	VENKITARAMAN et al.	424	402	10/07/1996	
	A11	6,077,520	06/20/2000	TOMINAGA	424	401	02/13/1998	
	A12	6,169,114 B1	01/02/2001	YAMAGUCHI et al.	514	562	05/05/1999	
	A13	6,281,236 B1	08/28/2001	FARBER	514	390	07/23/1999	
	A14	6,329,413 B1	12/11/2001	FARBER	514	390	05/12/2000	
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	PUBLISHED DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							Yes	No
3	B1	1-058,165 A	03/06/1989	JAPAN (Abstract)			X	
	B2	4-208,219 A	07/29/1992	JAPAN (Abstract)			X	
	B3	58-140013	08/19/83	JAPAN			X	
OTHER DOCUMENTS								
	C1	International Search Report for PCT/US02/36439 dated July 14, 2003						
EXAMINER					DATE CONSIDERED			
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				Application Number	09/991,117
				Filing Date	November 13, 2001
				First Named Inventor	E. Farber
				Art Unit	1619
Examiner Name				Not assigned	
Sheet	1	of	1	Attorney Docket Number	14358-315

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
7		US-4,478,853	10/23/84	Chaussee
		US-4,507,279	03/26/85	Okuyama et al.
		US-5,709,847	01/20/98	Bissett et al.
		US-5,849,310	12/15/98	Trinh et al.
		US-5,968,528	10/19/99	Deckner et al.
		US-6,001,377	12/14/99	SaNogueira, Jr. et al.
		US-6,086,903	07/11/00	Trinh et al.
		US-6,174,533 B1	01/16/01	SaNogueira, Jr. et al.
		US-6,306,915 B1	10/23/01	Murata
		US-6,337,065 B1	01/08/02	Jacobson et al.

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶

OTHER PRIOR ART - NONPATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²

Examiner Signature		Date Considered	3/10/04
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*Substitute Disclosure Statement Form (PTO-1449)

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PTO/SB/08A (10-01)

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

Application Number 09/991,117

Filing Date November 13, 2001

First Named Inventor E. Farber

Art Unit 1619

Examiner Name Not yet assigned

Attorney Docket Number 14358-315

Sheet 1 of 4

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		Number -Kind Code ² (if known)		
		US-3,830,824	08/20/74	Margraf
		US-3,830,825	08/20/74	Margraf
		US-3,830,908	08/20/74	Klippel et al.
		US-3,856,805	12/24/74	Margraf
		US-3,930,000	12/30/75	Margraf
		US-3,932,627	01/13/76	Margraf
		US-3,954,989	05/04/76	Mecca
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		US-4,278,664	07/14/81	Van Cleave
		US-4,374,766	02/22/83	Puchalski et al.
		US-4,670,263	06/02/87	Noorlander
		US-4,707,354	11/17/87	Garlen et al.
		US-4,708,813	11/24/87	Snyder
		US-4,806,262	02/21/89	Snyder
		US-4,880,621	11/14/89	Grollier et al.
		US-4,981,845	01/01/91	Pereira

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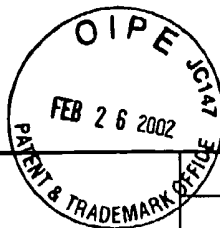
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		EPO Publication No. 0242553	10/28/87	Campo		
		EPO Publication No. 0380157	08/01/90	Weisberg		
		PCT Publication No. WO 90/09779	09/07/90	Benhuri		
		Great Britain Patent No. 1,346,544	02/13/74	Margraf		
		Japanese Patent No. JP 358140013A	08/19/83	Kuroda et al. (Dai Ichi Seiyaku et al.) translated		
		Japan Patent Publication No. JP 404208219 English abstract	07/29/92	Abe et al. (abstract only)		

Examiner Signature

Date Considered

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Substitute for form 1449B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	09/991,117
				Filing Date	November 13, 2001
				First Named Inventor	E. Farber
				Group Art Unit	1619
				Examiner Name	Not yet assigned
Sheet	2	of	4	Attorney Docket Number	14358-315

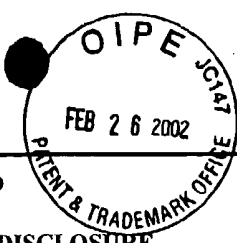
U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No. ¹	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		US-5,112,886	05/12/92	Phalangas
		US-5,122,533	06/16/92	Bar-On et al.
		US-5,221,533	06/22/93	Perlman
		US-5,455,033	10/03/95	Silverman et al.
		US-5,512,200	04/30/96	Garcia
		US-5,567,427	10/22/96	Papakadis
		US-5,578,312	11/26/96	Parrinello
		US-5,616,347	04/01/97	Alliger et al.

OTHER PRIOR ART - NONPATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		Product information insert for Alphosyl Cream and Alphosyl Lotion, G.D. Searle (South Africa), April 24, 1975	
		Product information insert for Clearasil Medicated Facial Cleanser, Procter & Gamble (South Africa), Jan. 31, 199	
		Product information insert for Arola Rosebaum Ointment, Supramed Limited, Jan. 12, 1986	
		Abstract of a publication, M. Cajkovic et al., "Influence of Emulsoid Vehicle on the Release and Activity of Allantoin," <u>Pharmazie</u> 47:39-43 (1992) (abstract only)	
		Abstract of a publication, M. Maragakis et al., "Possibilities of Scar Treatment After Thoracic Surgery," <u>Drugs Under Exp. & Clin. Res.</u> 21:199-206 (1995) (abstract only)	
		Product information insert for Alphosyl, undated.	
		Abstract of a publication, G. Stinco et al., "Seborrheic Dermatitis Treated with Furalglucitole Cream," <u>Dermatol. Clin.</u> 18:78-81 (1998) (abstract only)	
		Abstract of a publication, G.H. Willital & H. Heine, "Efficiency of Contractubex® Gel in the Treatment of Fresh Scars After Thoracic Surgery in Children and Adolescents," <u>Int. J. Clin. Pharmacol. Res.</u> 14:193-202 (1994) (abstract only)	
		H.W. Margraf & T.H. Covey, Jr., "A Trial of Silver-Zinc-Allantoinate in the Treatment of Leg Ulcers," <u>Arch. Surg.</u> 12:699-704 (1977)	
		Remington: The Science and Practice of Pharmacy (19 th Ed. 1995, Mack Publishing Co., Easton, Pennsylvania), pp. 639-640, 1380	
		D. Hoffmann, "The Complete Illustrated Herbal," (Barnes and Noble, 1996), pp. 63, 104	
		F.R. Greenbaum, "The Story of Allantoin," <u>Am. J. Pharm.</u> 112:205-216 (1940)	
		M.A. Lesser, "Allantoin," <u>Drug Cosmet. Ind.</u> 42:451-456, 469 (1938)	

Examiner Signature	Date Considered	5/4/04
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				Group Art Unit	1619
Examiner Name	Not yet assigned				
Sheet	3	of	4	Attorney Docket Number	14358-315

U.S. PATENT DOCUMENTS				
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		Number -Kind Code ² (if known)		
7		US-5,658,559	08/19/97	Smith
		US-5,661,170	08/26/97	Chodosh
		US-5,736,128	04/07/98	Chaudhuri et al.
		US-5,824,666	10/20/98	Deckner et al.
		US-5,827,870	10/27/98	Chodosh
		US-5,830,483	11/03/98	Seidel et al.
		US-5,863,548	01/26/99	Elder
		US-5,871,754	02/16/99	Briggs et al.
		US-5,876,736	03/02/99	Cohen et al.

OTHER PRIOR ART – NONPATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
7		I.I. Lubowe & S.B. Mecca, "Allantoin and Aluminum Derivatives in Dermatological Applications," <u>Drug Cosmet. Ind.</u> 84:36, 37, 117 (1959)	
		S.B. Mecca, "Allantoin and the Newer Aluminum Allantoates," <u>Proc. Scient. Sect. Toilet Goods Assoc.</u> No. 31: 1-6 (1959)	
		S.B. Mecca, "The Function and Applicability of the Allantoins," <u>Proc. Scient. Sect. Toilet Goods Assoc.</u> No. 39: 7-15 (1963)	
		P. LeVan, "The Use of Silicones in Dermatology," <u>Calif. Med.</u> 81:210-213 (1954)	
		R. Cahen & A. Personnier, "Etude Pharmacologique de L'Allantoate de Dihydroxyaluminium et de L'Allantoate de Chlorhydroxyaluminium. I.-- Toxicité," <u>Ann. Pharm. Franc.</u> 20: 623-636 (1962) (in French), discloses the physical and chemical properties and the toxicity of dihydroxyaluminum allantoinate and chlorhydroxyaluminum allantoinate. The compounds were observed to have no toxicity.	
		R. Cahen & J.-F. Clement, "Etude Pharmacologique de L'Allantoate de Dihydroxyaluminium et de L'Allantoat de Chlorhydroxyaluminium. II.--Etude de l'Activité Gastrique," <u>Ann. Pharm. Franc.</u> 20: 693-703 (1962) (in French), discloses the activity of dihydroxyaluminum allantoinate and chlorhydroxyaluminum allantoinate on gastric activity. The compounds were found to have acid-neutralizing and buffering activity and to diminish gastric acidity.	

Examiner Signature		Date Considered	5/10/04
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[Signature]		US-5,885,581	03/23/99	Massand
		US-5,914,116	06/22/99	Suares et al.
		US-5,932,228	08/03/99	Hall et al.
		US-5,952,373	09/14/99	Lanzendörfer et al.
		US-5,958,436	09/28/99	Hahn et al.
		US-6,060,061	05/09/00	Breton et al.
		US-6,080,393	06/27/00	Liu et al.
		US-6,120,782	09/19/00	Mansouri
		US-		

OTHER PRIOR ART – NONPATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
[Signature]		R. Cahen & A. Personnier, "Etude Pharmacologique de L'Allantoïate de Dihydroxyaluminium et de L'Allantoïate de Chlorhydroxyaluminium. III.--Effet Anti-ulcéreux," <u>Ann. Pharm. Franc.</u> 20: 704-713 (1962) (in French), discloses the anti-ulcer activity of the compounds dihydroxyaluminum allantoinate and chlorhydroxyaluminum allantoinate. The compounds were found to have anti-ulcer activity in rats and guinea pigs comparable to compounds such as aluminum hydrate and bismuch subnitrate.	
		R. Cahen & A. Personnier, "Etude Pharmacologique de L'Allantoïate de Dihydroxyaluminium et de L'Allantoïate de Chlorhydroxyaluminium. IV.--Effet sur l'Ulçère Médicamenteux Expérimental," <u>Ann. Pharm. Franc.</u> 21: 215-222 (1963) (in French), discloses the effect of the compounds dihydroxyaluminum allantoinate and chlorhydroxyaluminum allantoinate on ulcers produced in the rat by administration of phenylbutazone or reserpine. The compounds were found to have activity against such ulcers.	
		C. Debray et al., "Etude de Dérivés Allantoïniques de l'Aluminium dans la Thérapeutique des Affections Gastro-duodénales," <u>Presse Méd.</u> 70: 2643-2644 (1962) (in French) discloses the activity of the compounds dihydroxyaluminum allantoinate and chlorhydroxyaluminum allantoinate administered in a complex with a polymer of polyoxyethylene and polyoxypropanediol, methylhomatropine bromide, and calcium carbonate on gastrointestinal conditions. The complex was said to be effective against duodenal ulcer and effective in protecting the gastric mucosa.	

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